

## **IN THE CLAIMS:**

1-60. (Cancelled)

61. (Currently Amended) A data processing system for communicating using a text based communication protocol, the data processing system comprising:

a network interface; and

a client manager, wherein the client manager receives a message through the network interface, wherein the message is generated using the text based communication protocol, and wherein the client manager comprises a message modifier for modifying the message in accordance with context information associated with the message, wherein the context information includes message routing information,[[ -]] wherein the message modifier modifies the message by removing the message routing information from the message when the message is incoming, wherein the message modifier modifies the message by adding the message routing information to the message when the message is outgoing, wherein the client manager receives a client application message from a client application and converts the client application message into ~~the message~~, and ~~wherein the message is~~ a simplified SIP message that does not include the message routing information.

62. (Original) The data processing system of claim 61, wherein the message routing information includes at least one of a via header, a route header and a record route header.

63-64. (Canceled)

65. (Previously Presented) The data processing system of claim 61, wherein the message is received from a server.

66. (Previously Presented) The data processing system of claim 61, wherein the message is received from a client application.

67-68. (Canceled)

69. (Previously Presented) The data processing system of claim 61, wherein the message modifier modifies the message when the message is outgoing by adding at least one of a "Via" header, a "Route" header, and a "Record Route" header to the message.

70. (Original) The data processing system of claim 61, wherein the client manager includes an input/output controller for receiving the message and a decoder for decoding the message.

71-75. (Cancelled)

76. (New) A computer implemented method, wherein the method is executed by a processor, for communicating using a text based communication protocol, the computer implemented method comprising:

- a client manager receiving a message generated using the text based communication protocol;

- the client manager comprising a message modifier for modifying the message in accordance with context information associated with the message; wherein the context information includes message routing information;

- the message modifier modifying the message by removing the message routing information from the message when the message is incoming;

- the message modifier modifying the message by adding the message routing information to the message when the message is outgoing;

- the client manager receiving a client application message from a client application and

- the client manager converting the client application message into a simplified SIP message that does not include the message routing information.

77. (New) The computer implemented method of claim 76, wherein the message routing information includes at least one of a via header, a route header and a record route header.
78. (New) The computer implemented method of claim 76, wherein the message is received from a server.
79. (New) The computer implemented method of claim 76, wherein the message is received from a client application.
80. (New) The computer implemented method of claim 76, wherein the message modifier modifies the message when the message is outgoing by adding at least one of a "Via" header, a "Route" header, and a "Record Route" header to the message.
81. (New) The computer implemented method of claim 76, wherein the client manager includes an input/output controller for receiving the message and a decoder for decoding the message.
82. (New) A computer program product comprising a computer recordable-type medium storing a computer program for communicating using a text based communication protocol, the computer program product comprising:
- first instructions for a client manager receiving a message generated using the text based communication protocol;
  - second instructions for the client manager comprising a message modifier for modifying the message in accordance with context information associated with the message; wherein the context information includes message routing information;
  - third instructions for the message modifier modifying the message by removing the message routing information from the message when the message is incoming;
  - fourth instructions for the message modifier modifying the message by adding the message routing information to the message when the message is outgoing;

fifth instruction for the client manager receiving a client application message from a client application and

sixth instructions for the client manager converting the client application message into a simplified SIP message that does not include the message routing information.

83. (New) The computer program product of claim 82, wherein the message routing information includes at least one of a via header, a route header and a record route header.

84. (New) The computer program product of claim 82, wherein the message is received from a server.

85. (New) The computer program product of claim 82, wherein the message is received from a client application.

86. (New) The computer program product of claim 82, wherein the message modifier modifies the message when the message is outgoing by adding at least one of a "Via" header, a "Route" header, and a "Record Route" header to the message.

87. (New) The computer program product of claim 82, wherein the client manager includes an input/output controller for receiving the message and a decoder for decoding the message.